

## EAST Search History

| Ref # | Hits | Search Query                             | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 2    | "6742357".pn.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/02/08 09:45 |
| L2    | 452  | 62/335                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND              | ON      | 2007/02/08 10:03 |
| S1    | 1    | ("6389844").PN.                          | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/08/10 13:40 |
| S2    | 1    | ("4339253").PN.                          | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/08/10 13:41 |
| S3    | 1    | ("4274849").PN.                          | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/08/10 13:43 |
| S5    | 786  | "19880914".PD.                           | EPO   | AND              | ON      | 2006/08/10 13:56 |
| S6    | 1    | natural with gas S5                      | EPO   | AND              | ON      | 2006/08/10 15:17 |
| S7    | 181  | (62/612).CCLS.                           | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/08/10 15:17 |
| S8    | 86   | (62/611).CCLS.                           | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/08/10 15:18 |
| S9    | 172  | (62/617).CCLS.                           | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/08/10 15:18 |
| S10   | 205  | (62/619).CCLS.                           | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/08/10 15:18 |
| S11   | 116  | (62/606).CCLS.                           | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/08/10 15:18 |
| S12   | 69   | (62/618).CCLS.                           | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/08/10 15:19 |
| S13   | 1    | ("5139548").PN.                          | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/08/10 15:19 |
| S14   | 28   | ("3964891").PN. OR ("4274849").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | AND              | ON      | 2006/08/10 15:31 |

## EAST Search History

|     |      |  |                                      |     |     |                  |
|-----|------|--|--------------------------------------|-----|-----|------------------|
| S15 | 18   | ("3418819"   "3964891").PN. OR ("4339253").URPN.                 | US-PGPUB;<br>USPAT;<br>USOCR         | AND | ON  | 2006/08/10 15:32 |
| S16 | 9    | ("4680041"   "5473900"   "6253574").PN. OR ("6389844").URPN.     | US-PGPUB;<br>USPAT;<br>USOCR         | AND | ON  | 2006/08/11 15:01 |
| S21 | 4    | ((("6253574") or ("6595009") or ("6742357") or ("6308531"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR         | OR  | OFF | 2006/08/11 15:02 |
| S24 | 1622 | "20030425".prad.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | AND | ON  | 2006/08/21 10:13 |
| S25 | 48   | S24 natural gas  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | AND | ON  | 2006/08/21 10:17 |
| S27 | 0    | "19517116".pran.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | AND | ON  | 2006/08/21 10:19 |
| S28 | 0    | "19517116".fref.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | AND | ON  | 2006/08/21 10:26 |
| S29 | 0    | "19517116".FREF.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | AND | ON  | 2006/08/21 10:27 |
| S30 | 0    | "9517116".FREF.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO | AND | ON  | 2006/08/21 10:27 |
| S31 | 10   | ("4680041"   "5473900"   "6253574").PN. OR ("6389844").URPN.     | US-PGPUB;<br>USPAT;<br>USOCR         | AND | ON  | 2007/02/07 10:22 |
| S32 | 28   | ("3964891").PN. OR ("4274849").URPN.                             | US-PGPUB;<br>USPAT;<br>USOCR         | AND | ON  | 2007/02/07 11:03 |
| S33 | 5983 | propane nitrogen methane (natural near gas)                      | US-PGPUB;<br>USPAT;<br>USOCR         | AND | ON  | 2007/02/07 11:19 |
| S34 | 3915 | propane nitrogen methane (natural near gas) separate             | US-PGPUB;<br>USPAT;<br>USOCR         | AND | ON  | 2007/02/07 11:04 |
| S35 | 410  | propane nitrogen methane (natural near gas) cascade              | US-PGPUB;<br>USPAT;<br>USOCR         | AND | ON  | 2007/02/07 11:19 |